

# CONSOLIDATED CHECKLIST C5

## Part 1 of 5 parts

### Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities

40 CFR Part 264, Subparts A-G, as of June 30, 1996  
as published in the July 1, 1996 CFR

Notes: 1)

Consolidated Checklist C5 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C5 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and end notes associated with each part have been placed with the part to which they apply.

2) Subparts B and E were revised by the December 6, 1994, rule (59 FR 62896-62953) and the February 9, 1996, rule (61 FR 4903-4916). The applicable provisions of both of these rules are included in Revision Checklist 154 which is a consolidation of all the rules associated with the organic air emission standards for tanks, surface impoundments, and container requirements (Subpart CC). EPA strongly recommends that States wait and adopt Revision Checklist 154 in its entirety (including all rules published through November 25, 1996) rather than adopting the December 6, 1994, and February 9, 1996, rules as represented on this consolidated checklist. The December 6, 1994, rule is designated as rule 154.1, and the February 9, 1996, rule is designated as rule 154.6.

| FEDERAL REQUIREMENTS | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|----------------------|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|                      |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |

## SUBPART A - GENERAL

### PURPOSE, SCOPE AND APPLICABILITY

|  |      |             |  |  |  |  |  |
|--|------|-------------|--|--|--|--|--|
| purpose  | *    | 264.1(a)    |  |  |  |  |  |
| applies to all owners and operators of TSDFs with exceptions | IV A | 264.1(b)    |  |  |  |  |  |
| ocean disposal/permit by rule                                | IV A | 264.1(c)    |  |  |  |  |  |
| UIC/permit by rule   | IV A | 264.1(d)    |  |  |  |  |  |
| POTW/permit by rule  | IV A | 264.1(e)    |  |  |  |  |  |
| post-authorization rulemaking                                | IV A | 264.1(f)    |  |  |  |  |  |
|  |      | 264.1(f)(1) |  |  |  |  |  |
|  |      | 264.1(f)(2) |  |  |  |  |  |
|  |      | 264.1(f)(3) |  |  |  |  |  |
| exceptions   | IV A | 264.1(g)    |  |  |  |  |  |

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| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| wastes excluded by 261.5  | IV A                   | 264.1(g)(1)           |                             |                  |                        |                        |                     |
| 1 recyclable materials  | IV A,13,<br>111,122    | 264.1(g)(2)           |                             |                  |                        |                        |                     |
| generator accumulating<br>waste in compliance with<br>262.34  | IV A                   | 264.1(g)(3)           |                             |                  |                        |                        |                     |
| farmers   | IV A,48                | 264.1(g)(4)           |                             |                  |                        |                        |                     |
| enclosed treatment<br>facilities as defined in<br>260.10  | IV A                   | 264.1(g)(5)           |                             |                  |                        |                        |                     |
| elementary neutralization<br>units as defined in<br>260.10; compliance with<br>264.17(b) if owner or<br>operator is diluting<br>hazardous ignitable<br>wastes or reactive wastes<br>to remove the<br>characteristic before land<br>disposal | IV A,124,<br>137       | 264.1(g)(6)           |                             |                  |                        |                        |                     |
| reserved  |                        | 264.1(g)(7)           |                             |                  |                        |                        |                     |
| person involved in<br>treatment or containment<br>activities during an<br>immediate response; list<br>of situations   | IV A                   | 264.1(g)(8)(i)        |                             |                  |                        |                        |                     |
|   |                        | 264.1(g)(8)(i)(A)     |                             |                  |                        |                        |                     |
|   |                        | 264.1(g)(8)(i)(B)     |                             |                  |                        |                        |                     |
|   |                        | 264.1(g)(8)(i)(C)     |                             |                  |                        |                        |                     |
|   |                        | 264.1(g)(8)(ii)       |                             |                  |                        |                        |                     |
|   |                        | 264.1(g)(8)(iii)      |                             |                  |                        |                        |                     |
| transfer facilities   | IV A                   | 264.1(g)(9)           |                             |                  |                        |                        |                     |
| addition of absorbent<br>materials  | IV A                   | 264.1(g)(10)          |                             |                  |                        |                        |                     |

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40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

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|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| †,2<br>universal waste handlers<br>and transporters handling<br>the listed universal<br>wastes are subject to Part<br>273 rather than Part 264 | 142 A                  | 264.1(g)(11)          |                             |                  |                        |                        |                     |
|  | 142 B                  | 264.1(g)(11)(i)       |                             |                  |                        |                        |                     |
|  | 142 C                  | 264.1(g)(11)(ii)      |                             |                  |                        |                        |                     |
|  | 142 D                  | 264.1(g)(11)(iii)     |                             |                  |                        |                        |                     |
| applies to all facilities<br>that treat, store, or<br>dispose of hazardous<br>waste referred to in 268   | 34                     | 264.1(h)              |                             |                  |                        |                        |                     |
| reserved   |                        | 264.2                 |                             |                  |                        |                        |                     |
| RELATIONSHIP TO INTERIM STATUS STANDARDS   |                        |                       |                             |                  |                        |                        |                     |
| 3 compliance with 265 until<br>final permit issued,<br>except as provided under<br>40 CFR part 264 subpart<br>S                                | *,†121                 | 264.3                 |                             |                  |                        |                        |                     |
| IMMINENT HAZARD ACTION   |                        |                       |                             |                  |                        |                        |                     |
| enforcement actions<br>under RCRA 7003   | *                      | 264.4                 |                             |                  |                        |                        |                     |
| SUBPART B - GENERAL FACILITY STANDARDS   |                        |                       |                             |                  |                        |                        |                     |
| APPLICABILITY  |                        |                       |                             |                  |                        |                        |                     |
| subpart applies to<br>hazardous waste facilities<br>except as provided in<br>264.1   | *                      | 264.10(a)             |                             |                  |                        |                        |                     |
| 264.18(b) applies only to<br>facilities regulated under<br>Subparts I-O and X  | *,45                   | 264.10(b)             |                             |                  |                        |                        |                     |
| IDENTIFICATION NUMBER  |                        |                       |                             |                  |                        |                        |                     |
| EPA identification<br>number required  | IV A                   | 264.11                |                             |                  |                        |                        |                     |

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40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

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|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| REQUIRED NOTICES   |                        |                       |                             |                  |                        |                        |                     |
| hazardous waste from foreign source  | IV A,<br>†152          | 264.12(a)(1)          |                             |                  |                        |                        |                     |
| owner/operator of facility receiving hazardous waste subject to part 262 subpart H tracking document requirements  | 152                    | 264.12(a)(2)          |                             |                  |                        |                        |                     |
| hazardous waste from off-site source   | IV A                   | 264.12(b)             |                             |                  |                        |                        |                     |
| requirements under ownership transfer  | IV A                   | 264.12(c)             |                             |                  |                        |                        |                     |
| GENERAL WASTE ANALYSIS   |                        |                       |                             |                  |                        |                        |                     |
| analysis required prior to handling any hazardous waste or 264.113(d) non-hazardous waste; what information, at a minimum, the waste analysis must contain | IV A,34,<br>†64,102    | 264.13(a)(1)          |                             |                  |                        |                        |                     |
| data to be included in the analysis  | IV A,78                | 264.13(a)(2)          |                             |                  |                        |                        |                     |
| when analysis must be repeated   | IV A                   | 264.13(a)(3)          |                             |                  |                        |                        |                     |
|  | IV A,†64               | 264.13(a)(3)(i)       |                             |                  |                        |                        |                     |
|  | IV A                   | 264.13(a)(3)(ii)      |                             |                  |                        |                        |                     |
| inspect each shipment  | IV A                   | 264.13(a)(4)          |                             |                  |                        |                        |                     |
| develop and follow written waste analysis plan:  | IV A                   | 264.13(b)             |                             |                  |                        |                        |                     |
| parameters which will be analyzed  | IV A,†64               | 264.13(b)(1)          |                             |                  |                        |                        |                     |
| test methods   | IV A                   | 264.13(b)(2)          |                             |                  |                        |                        |                     |

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40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION   | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-------------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                         |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| sampling method   | IV A                | 264.13(b)(3)            |                          |                  |                        |                        |                     |
|   |                     | 264.13(b)(3)(i)         |                          |                  |                        |                        |                     |
|   |                     | 264.13(b)(3)(ii)        |                          |                  |                        |                        |                     |
| frequency of reviewing or repeating analysis  | IV A                | 264.13(b)(4)            |                          |                  |                        |                        |                     |
| analyses from generators  | IV A                | 264.13(b)(5)            |                          |                  |                        |                        |                     |
| 5 meeting of additional waste analysis requirements   | IV A,16,34,79,154.1 | 264.13(b)(6)            |                          |                  |                        |                        |                     |
| for surface impoundments exempted from land disposal restrictions under 268.4(a):                                       | 34                  | 264.13(b)(7)            |                          |                  |                        |                        |                     |
| sampling impoundment contents   | 34                  | 264.13(b)(7)(i)         |                          |                  |                        |                        |                     |
| analysis procedures   | 34                  | 264.13(b)(7)(ii)        |                          |                  |                        |                        |                     |
| annual removal of residues; criteria:   | 34,39,50            | 264.13(b)(7)(iii)       |                          |                  |                        |                        |                     |
| do not meet 268, Subpart D, treatment standards   | 50                  | 264.13(b)(7)(iii)(A)    |                          |                  |                        |                        |                     |
| where no treatment standards established  | 50                  | 264.13(b)(7)(iii)(B)    |                          |                  |                        |                        |                     |
|   |                     | 264.13(b)(7)(iii)(B)(1) |                          |                  |                        |                        |                     |
|   |                     | 264.13(b)(7)(iii)(B)(2) |                          |                  |                        |                        |                     |
| 5 for owners and operators seeking an exemption to the air emission standards of subpart CC in accordance with 264.1082 | 154.1               | 264.13(b)(8)            |                          |                  |                        |                        |                     |

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40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| 5 for direct measurements the procedures and schedules for waste sampling and analysis, and results of the analysis of test data to verify the exemption | 154.1,<br>154.6     | 264.13(b)(8)(i)       |                          |                  |                        |                        |                     |
| 5 if knowledge of the waste is used for the determination, any information that is used as the basis for knowledge                                       | 154.1,<br>154.6     | 264.13(b)(8)(ii)      |                          |                  |                        |                        |                     |
| analysis plan for off-site facilities:   | IV A                | 264.13(c)             |                          |                  |                        |                        |                     |
| procedures for identifying each waste moved at facility  | IV A                | 264.13(c)(1)          |                          |                  |                        |                        |                     |
| sampling method used to obtain a representative sample   | IV A                | 264.13(c)(2)          |                          |                  |                        |                        |                     |
| procedures owner or operator will use to determine whether biodegradable sorbent has been added to waste in container                                    | 118                 | 264.13(c)(3)          |                          |                  |                        |                        |                     |
| SECURITY   |                     |                       |                          |                  |                        |                        |                     |
| prevent unknowing entry and minimize unauthorized entry unless can demonstrate 264.14(a)(1) & (2)  | IV A                | 264.14(a)             |                          |                  |                        |                        |                     |
|  |                     | 264.14(a)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.14(a)(2)          |                          |                  |                        |                        |                     |
| if demonstration not successful:   | *                   | 264.14(b)             |                          |                  |                        |                        |                     |
| 24-hour surveillance   | IV A                | 264.14(b)(1)          |                          |                  |                        |                        |                     |

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| FEDERAL REQUIREMENTS                                     | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| barrier around active<br>portion and control of<br>entry | IV A                   | 264.14(b)(2)(i)       |                             |                  |                        |                        |                     |
|  |                        | 264.14(b)(2)(ii)      |                             |                  |                        |                        |                     |
| sign   | IV A                   | 264.14(c)             |                             |                  |                        |                        |                     |

GENERAL INSPECTION REQUIREMENTS

|   |                                       |              |  |  |  |  |  |
|---|---------------------------------------|--------------|--|--|--|--|--|
| what must be inspected<br>for               | IV A                                  | 264.15(a)    |  |  |  |  |  |
| develop and follow<br>written schedule      | IV A                                  | 264.15(b)(1) |  |  |  |  |  |
| keep schedule at facility                   | IV A                                  | 264.15(b)(2) |  |  |  |  |  |
| identify items that are to<br>be looked for | IV A                                  | 264.15(b)(3) |  |  |  |  |  |
| 5 frequency of inspection                   | IV A, 28,<br>45, 79,<br>100,<br>154.1 | 264.15(b)(4) |  |  |  |  |  |
| remedy of problems<br>inspection uncovers   | IV A                                  | 264.15(c)    |  |  |  |  |  |
| recordkeeping                               | IV A                                  | 264.15(d)    |  |  |  |  |  |

PERSONNEL TRAINING

|   |      |              |  |  |  |  |  |
|---|------|--------------|--|--|--|--|--|
| personnel complete<br>training to ensure<br>compliance with 264 | IV A | 264.16(a)(1) |  |  |  |  |  |
| director of training<br>program                                 | IV A | 264.16(a)(2) |  |  |  |  |  |

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| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| must be designed to respond effectively to emergencies               | IV A                | 264.16(a)(3)          |                          |                  |                        |                        |                     |
|  |                     | 264.16(a)(3)(i)       |                          |                  |                        |                        |                     |
|  |                     | 264.16(a)(3)(ii)      |                          |                  |                        |                        |                     |
|  |                     | 264.16(a)(3)(iii)     |                          |                  |                        |                        |                     |
|  |                     | 264.16(a)(3)(iv)      |                          |                  |                        |                        |                     |
|  |                     | 264.16(a)(3)(v)       |                          |                  |                        |                        |                     |
|  |                     | 264.16(a)(3)(vi)      |                          |                  |                        |                        |                     |
| timing of instruction  | IV A                | 264.16(b)             |                          |                  |                        |                        |                     |
| annual review of initial training required at 264.16(a)              | IV A                | 264.16(c)             |                          |                  |                        |                        |                     |
| recordkeeping  | IV A                | 264.16(d)             |                          |                  |                        |                        |                     |
|  |                     | 264.16(d)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.16(d)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.16(d)(3)          |                          |                  |                        |                        |                     |
|  |                     | 264.16(d)(4)          |                          |                  |                        |                        |                     |
| how long training records must be kept                               | IV A                | 264.16(e)             |                          |                  |                        |                        |                     |
| GENERAL REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTES |                     |                       |                          |                  |                        |                        |                     |
| precautions to prevent waste ignition or reaction                    | IV A                | 264.17(a)             |                          |                  |                        |                        |                     |
| precautions to prevent specified reactions                           | IV A                | 264.17(b)             |                          |                  |                        |                        |                     |
|  |                     | 264.17(b)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.17(b)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.17(b)(3)          |                          |                  |                        |                        |                     |
|  |                     | 264.17(b)(4)          |                          |                  |                        |                        |                     |
|  |                     | 264.17(b)(5)          |                          |                  |                        |                        |                     |



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|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| documentation of<br>compliance with<br>264.17(a) or (b)  | IV A                   | 264.17(c)             |                             |                  |                        |                        |                     |
| LOCATION STANDARDS   |                        |                       |                             |                  |                        |                        |                     |
| seismic considerations:  | IV A                   | 264.18(a)             |                             |                  |                        |                        |                     |
| distance to faults   | IV A                   | 264.18(a)(1)          |                             |                  |                        |                        |                     |
| definitions:   | IV A                   | 264.18(a)(2)          |                             |                  |                        |                        |                     |
| "fault"  | IV A                   | 264.18(a)(2)(i)       |                             |                  |                        |                        |                     |
| "displacement"   | IV A                   | 264.18(a)(2)(ii)      |                             |                  |                        |                        |                     |
| "Holocene"   | IV A                   | 264.18(a)(2)(iii)     |                             |                  |                        |                        |                     |
| floodplains:   | IV A                   | 264.18(b)             |                             |                  |                        |                        |                     |
| if located in 100 year<br>floodplain, special<br>construction, unless:                         | IV A                   | 264.18(b)(1)          |                             |                  |                        |                        |                     |
| removal procedures in<br>place   | IV A                   | 264.18(b)(1)(i)       |                             |                  |                        |                        |                     |
| washout would not be<br>hazardous considering<br>specific factors                              | IV A,45                | 264.18(b)(1)(ii)      |                             |                  |                        |                        |                     |
|  |                        | 264.18(b)(1)(ii)(A)   |                             |                  |                        |                        |                     |
|  |                        | 264.18(b)(1)(ii)(B)   |                             |                  |                        |                        |                     |
|  |                        | 264.18(b)(1)(ii)(C)   |                             |                  |                        |                        |                     |
|  | IV A                   | 264.18(b)(1)(ii)(D)   |                             |                  |                        |                        |                     |
| definitions:   | IV A                   | 264.18(b)(2)          |                             |                  |                        |                        |                     |
| "100-year floodplain"  | IV A                   | 264.18(b)(2)(i)       |                             |                  |                        |                        |                     |
| "washout"  | IV A                   | 264.18(b)(2)(ii)      |                             |                  |                        |                        |                     |
| "100-year flood"   | IV A                   | 264.18(b)(2)(iii)     |                             |                  |                        |                        |                     |
| prohibition of waste in<br>salt domes, salt bed<br>formations, underground<br>mines, and caves | 17 E                   | 264.18(c)             |                             |                  |                        |                        |                     |

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|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| CONSTRUCTION QUALITY ASSURANCE PROGRAM   |                        |                       |                             |                  |                        |                        |                     |
| CQA program  | 100                    | 264.19(a)             |                             |                  |                        |                        |                     |
| required for all surface impoundment, waste pile and landfill units that must comply with 264.221(c)&(d), 264.251(c)&(d), and 264.301(c)&(d); program must ensure constructed unit meets or exceeds all permit design criteria and specifications; program must be developed and implemented under a CQA officer who is a registered professional engineer | 100                    | 264.19(a)(1)          |                             |                  |                        |                        |                     |
| the physical components the CQA program must address   | 100                    | 264.19(a)(2)          |                             |                  |                        |                        |                     |
|  |                        | 264.19(a)(2)(i)       |                             |                  |                        |                        |                     |
|  |                        | 264.19(a)(2)(ii)      |                             |                  |                        |                        |                     |
|  |                        | 264.19(a)(2)(iii)     |                             |                  |                        |                        |                     |
|  |                        | 264.19(a)(2)(iv)      |                             |                  |                        |                        |                     |
|  |                        | 264.19(a)(2)(v)       |                             |                  |                        |                        |                     |
|  |                        | 264.19(a)(2)(vi)      |                             |                  |                        |                        |                     |
| before construction begins, owner/operator must develop a written CQA plan; must identify steps that will be used to monitor and document quality of materials and condition and manner of their installation; what the CQA plan must include:   | 100                    | 264.19(b)             |                             |                  |                        |                        |                     |

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|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| identification of<br>applicable units and how<br>they will be constructed   | 100                    | 264.19(b)(1)          |                             |                  |                        |                        |                     |
| identification of key CQA<br>plan development and<br>implementation<br>personnel; CQA officer<br>qualifications   | 100                    | 264.19(b)(2)          |                             |                  |                        |                        |                     |
| inspection and sampling<br>activities' description;<br>what must be described   | 100                    | 264.19(b)(3)          |                             |                  |                        |                        |                     |
| contents of program   | 100                    | 264.19(c)             |                             |                  |                        |                        |                     |
| must include<br>observations, inspections,<br>tests, and measurements<br>sufficient to ensure:  | 100                    | 264.19(c)(1)          |                             |                  |                        |                        |                     |
| structural stability and<br>integrity of 264.19(a)(2)<br>units  | 100                    | 264.19(c)(1)(i)       |                             |                  |                        |                        |                     |
| proper construction<br>according to permit<br>specifications and good<br>engineering practices, and<br>proper installation<br>according to design<br>specifications | 100                    | 264.19(c)(1)(ii)      |                             |                  |                        |                        |                     |
| material conformity with<br>design and other material<br>specifications   | 100                    | 264.19(c)(1)(iii)     |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| test fills for compacted soils liners, using full scale compaction methods to ensure liners are constructed to meet specific hydraulic conductivity requirements; compliance verified by in-situ testing on constructed test fill; conditions under which alternate may be accepted | 100                 | 264.19(c)(2)          |                          |                  |                        |                        |                     |
| certification to Regional Administrator before waste received; signed by CQA officer stating that approved CQA plan successfully carried out and units meet specific requirements; 270.30(I) (2)(ii) procedure complete; documentation furnished upon request                       | 100                 | 264.19(d)             |                          |                  |                        |                        |                     |

SUBPART C - PREPAREDNESS AND PREVENTION

APPLICABILITY

|   |   |        |  |  |  |  |  |
|---|---|--------|--|--|--|--|--|
| all HW facilities, except as 264.1 provides | * | 264.30 |  |  |  |  |  |
|---|---|--------|--|--|--|--|--|

DESIGN AND OPERATION OF FACILITY

|   |      |        |  |  |  |  |  |
|---|------|--------|--|--|--|--|--|
| requirements regarding design and operation | IV A | 264.31 |  |  |  |  |  |
|---|------|--------|--|--|--|--|--|

REQUIRED EQUIPMENT

|                                       |      |           |  |  |  |  |  |
|---------------------------------------|------|-----------|--|--|--|--|--|
| what a facility must be equipped with | *    | 264.32    |  |  |  |  |  |
| internal communications or alarm      | IV A | 264.32(a) |  |  |  |  |  |
| telephone or equivalent               | IV A | 264.32(b) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| fire extinguishers, fire control equipment, spill control equip-ment, and decontami-nation equipment | IV A                   | 264.32(c)             |                             |                  |                        |                        |                     |
| water of adequate volume and pressure  | IV A                   | 264.32(d)             |                             |                  |                        |                        |                     |
| TESTING AND MAINTENANCE OF EQUIPMENT   |                        |                       |                             |                  |                        |                        |                     |
| what equipment must be tested and maintained   | IV A                   | 264.33                |                             |                  |                        |                        |                     |
| ACCESS TO COMMUNICATIONS OR ALARM SYSTEM   |                        |                       |                             |                  |                        |                        |                     |
| handling hazardous waste--what equipment personnel must have immediate access to                     | IV A                   | 264.34(a)             |                             |                  |                        |                        |                     |
| what equipment must be immediately available when one employee only                                  | IV A                   | 264.34(b)             |                             |                  |                        |                        |                     |
| REQUIRED AISLE SPACE   |                        |                       |                             |                  |                        |                        |                     |
| determination of space between aisles  | IV A                   | 264.35                |                             |                  |                        |                        |                     |
| reserved   |                        | 264.36                |                             |                  |                        |                        |                     |
| ARRANGEMENTS WITH LOCAL AUTHORITIES  |                        |                       |                             |                  |                        |                        |                     |
| specific arrangements which must be made   | IV A                   | 264.37(a)             |                             |                  |                        |                        |                     |
|  |                        | 264.37(a)(1)          |                             |                  |                        |                        |                     |
|  |                        | 264.37(a)(2)          |                             |                  |                        |                        |                     |
|  |                        | 264.37(a)(3)          |                             |                  |                        |                        |                     |
|  |                        | 264.37(a)(4)          |                             |                  |                        |                        |                     |
| document refusals to enter into arrangement in operating record                                      | IV A                   | 264.37(b)             |                             |                  |                        |                        |                     |
| SUBPART D - CONTINGENCY PLAN AND EMERGENCY PROCEDURES  |                        |                       |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| <b>APPLICABILITY</b>  |                        |                       |                             |                  |                        |                        |                     |
| applies to all HW facilities, except as 264.1 provides  | *                      | 264.50                |                             |                  |                        |                        |                     |
| <b>PURPOSE AND IMPLEMENTATION OF CONTINGENCY PLAN</b>   |                        |                       |                             |                  |                        |                        |                     |
| contingency plan required; purpose  | IV A                   | 264.51(a)             |                             |                  |                        |                        |                     |
| when to implement plan  | IV A                   | 264.51(b)             |                             |                  |                        |                        |                     |
| <b>CONTENT OF CONTINGENCY PLAN</b>  |                        |                       |                             |                  |                        |                        |                     |
| describes actions to take when emergency  | IV A                   | 264.52(a)             |                             |                  |                        |                        |                     |
| relationship to SPCC or other plans   | IV A                   | 264.52(b)             |                             |                  |                        |                        |                     |
| arrangements with local police, fire department, etc.   | IV A                   | 264.52(c)             |                             |                  |                        |                        |                     |
| list names and addresses; keep up to date; listed in order to assume responsibility as alternates | IV A                   | 264.52(d)             |                             |                  |                        |                        |                     |
| list of emergency equipment at facility   | IV A                   | 264.52(e)             |                             |                  |                        |                        |                     |
| evacuation plan   | IV A                   | 264.52(f)             |                             |                  |                        |                        |                     |
| <b>COPIES OF CONTINGENCY PLAN</b>   |                        |                       |                             |                  |                        |                        |                     |
| copies of plan and all revisions must be:   | *                      | 264.53                |                             |                  |                        |                        |                     |
| maintained at facility  | IV A                   | 264.53(a)             |                             |                  |                        |                        |                     |
| submitted to local police, fire department, hospitals, etc.                                       | IV A                   | 264.53(b)             |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|----------------------|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|                      |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |

**AMENDMENT OF CONTINGENCY PLAN**

|  |          |           |  |  |  |  |  |
|--|----------|-----------|--|--|--|--|--|
| when plan must be reviewed and, if necessary, immediately amended: | *        | 264.54    |  |  |  |  |  |
| facility permit revision   | IV A     | 264.54(a) |  |  |  |  |  |
| plan fails in an emergency   | IV A     | 264.54(b) |  |  |  |  |  |
| facility change  | IV A     | 264.54(c) |  |  |  |  |  |
| list of emergency coordinators changes                             | IV A     | 264.54(d) |  |  |  |  |  |
| 8 list of equipment changes  | IV A,†54 | 264.54(e) |  |  |  |  |  |

**EMERGENCY COORDINATOR**

|                  |      |        |  |  |  |  |  |
|------------------|------|--------|--|--|--|--|--|
| responsibilities | IV A | 264.55 |  |  |  |  |  |
|------------------|------|--------|--|--|--|--|--|

**EMERGENCY PROCEDURES**

|   |      |              |  |  |  |  |  |
|---|------|--------------|--|--|--|--|--|
| procedures for imminent or actual emergency | IV A | 264.56(a)    |  |  |  |  |  |
|   |      | 264.56(a)(1) |  |  |  |  |  |
|   |      | 264.56(a)(2) |  |  |  |  |  |
| release, fire, explosion                    | IV A | 264.56(b)    |  |  |  |  |  |
| hazard assessment                           | IV A | 264.56(c)    |  |  |  |  |  |
| report of emergency coordinator's findings  | IV A | 264.56(d)    |  |  |  |  |  |
| notify local authorities                    | IV A | 264.56(d)(1) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| report to on-scene coordinator or National Response Center coordinator; what the report must include | IV A                | 264.56(d)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(d)(2)(i)       |                          |                  |                        |                        |                     |
|  |                     | 264.56(d)(2)(ii)      |                          |                  |                        |                        |                     |
|  |                     | 264.56(d)(2)(iii)     |                          |                  |                        |                        |                     |
|  |                     | 264.56(d)(2)(iv)      |                          |                  |                        |                        |                     |
|  |                     | 264.56(d)(2)(v)       |                          |                  |                        |                        |                     |
|  |                     | 264.56(d)(2)(vi)      |                          |                  |                        |                        |                     |
| measures during emergency  | IV A                | 264.56(e)             |                          |                  |                        |                        |                     |
| procedures if facility stops operation   | IV A                | 264.56(f)             |                          |                  |                        |                        |                     |
| treatment, storage, or disposal of material resulting from emergency                                 | IV A                | 264.56(g)             |                          |                  |                        |                        |                     |
| procedures after emergency   | IV A                | 264.56(h)             |                          |                  |                        |                        |                     |
|  |                     | 264.56(h)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(h)(2)          |                          |                  |                        |                        |                     |
| notifications prior to resuming operations   | IV A                | 264.56(i)             |                          |                  |                        |                        |                     |
| operating record information; written report to Regional Administrator                               | IV A                | 264.56(j)             |                          |                  |                        |                        |                     |



CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| what the report to<br>Regional Administrator<br>must include | IV A                | 264.56(j)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(j)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(j)(3)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(j)(4)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(j)(5)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(j)(6)          |                          |                  |                        |                        |                     |
|  |                     | 264.56(j)(7)          |                          |                  |                        |                        |                     |

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

APPLICABILITY

|   |           |        |  |  |  |  |  |
|---|-----------|--------|--|--|--|--|--|
| 9 subpart applies to both<br>on- and off-site facilities;<br>exceptions | IV A,17 D | 264.70 |  |  |  |  |  |
|---|-----------|--------|--|--|--|--|--|

USE OF MANIFEST SYSTEM

|   |      |              |  |  |  |  |  |
|---|------|--------------|--|--|--|--|--|
| duties of owner or<br>operator when receiving<br>waste accompanied by<br>manifest       | IV A | 264.71(a)    |  |  |  |  |  |
|   |      | 264.71(a)(1) |  |  |  |  |  |
|   |      | 264.71(a)(2) |  |  |  |  |  |
|   |      | 264.71(a)(3) |  |  |  |  |  |
|   |      | 264.71(a)(4) |  |  |  |  |  |
|   |      | 264.71(a)(5) |  |  |  |  |  |
| duties of owner or<br>operator when receiving<br>waste accompanied by<br>shipping paper | IV A | 264.71(b)    |  |  |  |  |  |
|   |      | 264.71(b)(1) |  |  |  |  |  |
|   |      | 264.71(b)(2) |  |  |  |  |  |
|   |      | 264.71(b)(3) |  |  |  |  |  |
|   |      | 264.71(b)(4) |  |  |  |  |  |
|   |      | 264.71(b)(5) |  |  |  |  |  |
| facility that initiates<br>shipment must comply<br>with 262                             | *    | 264.71(c)    |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE    | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                           |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| † shipment subject to part 262 subpart H                                    | 152                       | 264.71(d)             |                             |                  |                        |                        |                     |
| MANIFEST DISCREPANCIES  |                           |                       |                             |                  |                        |                        |                     |
| definition of manifest discrepancies  | IV A                      | 264.72(a)             |                             |                  |                        |                        |                     |
|   |                           | 264.72(a)(1)          |                             |                  |                        |                        |                     |
|   |                           | 264.72(a)(2)          |                             |                  |                        |                        |                     |
| actions on discovering a discrepancy  | IV A                      | 264.72(b)             |                             |                  |                        |                        |                     |
| OPERATING RECORD  |                           |                       |                             |                  |                        |                        |                     |
| written operating record at facility  | IV A                      | 264.73(a)             |                             |                  |                        |                        |                     |
| information which must be recorded:   | IV A                      | 264.73(b)             |                             |                  |                        |                        |                     |
| description and quantity of waste; dates of treatment, storage, or disposal | IV A                      | 264.73(b)(1)          |                             |                  |                        |                        |                     |
| location of waste and quantity at each location                             | IV A                      | 264.73(b)(2)          |                             |                  |                        |                        |                     |
| 5 records and results of waste analyses                                     | IV A,16, 34,79, 154.1     | 264.73(b)(3)          |                             |                  |                        |                        |                     |
| reports of incidents which require implementing contingency plan            | IV A                      | 264.73(b)(4)          |                             |                  |                        |                        |                     |
| records and results of inspections  | IV A                      | 264.73(b)(5)          |                             |                  |                        |                        |                     |
| 5 monitoring, testing, analytical data, and corrective action               | IV A,28, 45,79, 100,154.1 | 264.73(b)(6)          |                             |                  |                        |                        |                     |
| notices to generators   | IV A                      | 264.73(b)(7)          |                             |                  |                        |                        |                     |
| closure and post-closure cost estimates                                     | IV A                      | 264.73(b)(8)          |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| annual certification<br>regarding waste<br>minimization   | 17 D                   | 264.73(b)(9)          |                             |                  |                        |                        |                     |
| records of hazardous<br>waste placed in land<br>disposal units under<br>extension, petition, or<br>certification; 268.7(a)<br>notice by generator | 34,50                  | 264.73(b)(10)         |                             |                  |                        |                        |                     |
| off-site treatment facility<br>requirements   | 34,50                  | 264.73(b)(11)         |                             |                  |                        |                        |                     |
| on-site treatment facility<br>requirements  | 34,50                  | 264.73(b)(12)         |                             |                  |                        |                        |                     |
| off-site land disposal<br>facility requirements   | 34,50                  | 264.73(b)(13)         |                             |                  |                        |                        |                     |
| on-site land disposal<br>facility requirements  | 34,50                  | 264.73(b)(14)         |                             |                  |                        |                        |                     |
| off-site storage facility<br>requirements   | 50                     | 264.73(b)(15)         |                             |                  |                        |                        |                     |
| on-site storage facility<br>requirements  | 50                     | 264.73(b)(16)         |                             |                  |                        |                        |                     |
| <b>AVAILABILITY, RETENTION, AND DISPOSITION OF RECORDS</b>  |                        |                       |                             |                  |                        |                        |                     |
| all records available for<br>inspection   | IV A                   | 264.74(a)             |                             |                  |                        |                        |                     |
| retention period extension<br>under unresolved<br>enforcement action  | IV A                   | 264.74(b)             |                             |                  |                        |                        |                     |
| copy of records to<br>Regional Administrator<br>and local authority at<br>closure   | IV A                   | 264.74(c)             |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|----------------------|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|                      |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |

**BIENNIAL REPORT**

|  |         |           |  |  |  |  |  |
|--|---------|-----------|--|--|--|--|--|
| when to submit, what form, and what must be reported:            | IV A,†1 | 264.75    |  |  |  |  |  |
| EPA identification number  | IV A    | 264.75(a) |  |  |  |  |  |
| calendar year covered by report                                  | IV A    | 264.75(b) |  |  |  |  |  |
| EPA I.D.s of generators; name and address for foreign generators | IV A    | 264.75(c) |  |  |  |  |  |
| description and quantity of wastes received                      | IV A    | 264.75(d) |  |  |  |  |  |
| methods of handling  | IV A    | 264.75(e) |  |  |  |  |  |
| reserved   | IV A    | 264.75(f) |  |  |  |  |  |
| closure cost estimate; post-closure cost estimate                | IV A    | 264.75(g) |  |  |  |  |  |
| volume and toxicity reduction efforts                            | 30      | 264.75(h) |  |  |  |  |  |
| volume and toxicity reduction achieved                           | 30      | 264.75(i) |  |  |  |  |  |
| 10 signed certification  | IV A,30 | 264.75(j) |  |  |  |  |  |

**UNMANIFESTED WASTE REPORT**

|   |        |           |  |  |  |  |  |
|---|--------|-----------|--|--|--|--|--|
| when an unmanifested report is required; form which must be used; information it must include | IV A,1 | 264.76    |  |  |  |  |  |
| EPA identification number   | IV A   | 264.76(a) |  |  |  |  |  |
| date waste received   | IV A   | 264.76(b) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| generator and transporter<br>EPA identification<br>numbers; address and<br>name | IV A                   | 264.76(c)             |                             |                  |                        |                        |                     |
| description and quantity<br>of unmanifested waste                               | IV A                   | 264.76(d)             |                             |                  |                        |                        |                     |
| handling method   | IV A                   | 264.76(e)             |                             |                  |                        |                        |                     |
| signed certification  | IV A                   | 264.76(f)             |                             |                  |                        |                        |                     |
| explanation of why<br>unmanifested  | IV A                   | 264.76(g)             |                             |                  |                        |                        |                     |

ADDITIONAL REPORTS

|  |                |           |  |  |  |  |  |
|--|----------------|-----------|--|--|--|--|--|
| what else must be<br>reported to Regional<br>Administrator           | *,†1           | 264.77    |  |  |  |  |  |
| releases, fires, explosions  | IV A           | 264.77(a) |  |  |  |  |  |
| 11 facility closures   | IV A           | 264.77(b) |  |  |  |  |  |
| 5 as otherwise required by<br>Subparts F, K through N,<br>AA, and BB | *,79,<br>154.1 | 264.77(c) |  |  |  |  |  |

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

APPLICABILITY

|   |                |              |  |  |  |  |  |
|---|----------------|--------------|--|--|--|--|--|
| applies to all HW<br>facilities; satisfy<br>requirements of<br>264.90(a)(2) | IV A,17 L      | 264.90(a)(1) |  |  |  |  |  |
| what each solid waste<br>management unit must<br>comply with                | IV A,17 L      | 264.90(a)(2) |  |  |  |  |  |
| exemptions from Subpart<br>F's requirements:                                | IV A,<br>†17 I | 264.90(b)    |  |  |  |  |  |
| exempted by 264.1   | IV A,<br>†17 I | 264.90(b)(1) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| 12 operates a unit which Regional Administrator finds meets certain requirements  | IV A,<br>†17 I      | 264.90(b)(2)          |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(i)       |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(ii)      |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(iii)     |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(iv)      |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(v)       |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(vi)      |                          |                  |                        |                        |                     |
|   |                     | 264.90(b)(2)(vii)     |                          |                  |                        |                        |                     |
| HW levels not statistically significantly above background levels; unsaturated zone monitoring meets 264.278; only for post-closure care period | IV A,<br>†17 I      | 264.90(b)(3)          |                          |                  |                        |                        |                     |
| no potential for migration; certification by qualified geologist or geotechnical engineer   | IV A,<br>†17 I      | 264.90(b)(4)          |                          |                  |                        |                        |                     |
| 13 designs and operates pile in compliance with 264.250(c)  | IV A,<br>†17 I      | 264.90(b)(5)          |                          |                  |                        |                        |                     |
| requirements under Subpart F apply during active life; after closure:   | IV A                | 264.90(c)             |                          |                  |                        |                        |                     |
| requirements not apply if all wastes, etc. removed or decontaminated  | IV A                | 264.90(c)(1)          |                          |                  |                        |                        |                     |
| requirements apply during post-closure if detection monitoring  | IV A                | 264.90(c)(2)          |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| requirements apply during compliance period if compliance monitoring or corrective action                 | IV A                | 264.90(c)(3)          |                          |                  |                        |                        |                     |
| Subpart F requirements apply to miscellaneous units when necessary to comply with 264.601 through 264.603 | 45                  | 264.90(d)             |                          |                  |                        |                        |                     |
| <b>REQUIRED PROGRAMS</b>  |                     |                       |                          |                  |                        |                        |                     |
| monitoring and response program   | IV A                | 264.91(a)             |                          |                  |                        |                        |                     |
| when hazardous constituents detected at compliance point; compliance monitoring; "detected" defined       | IV A,55             | 264.91(a)(1)          |                          |                  |                        |                        |                     |
| corrective action program when ground-water protection standard is exceeded; "exceeded" defined           | IV A,55             | 264.91(a)(2)          |                          |                  |                        |                        |                     |
| corrective action program when hazardous constituents exceed concentration limits                         | IV A                | 264.91(a)(3)          |                          |                  |                        |                        |                     |
| in other cases detection monitoring instituted  | IV A                | 264.91(a)(4)          |                          |                  |                        |                        |                     |
| specific elements of monitoring and response program specified in permit                                  | IV A                | 264.91(b)             |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| GROUND-WATER PROTECTION STANDARD   |                        |                       |                             |                  |                        |                        |                     |
| owner must comply with permit conditions designed to ensure that 264.93 hazardous constituents entering ground water not exceed 264.94 concentration limits; ground-water protection standard                | IV A,55                | 264.92                |                             |                  |                        |                        |                     |
| HAZARDOUS CONSTITUENTS   |                        |                       |                             |                  |                        |                        |                     |
| hazardous constituents specified in permit to which 264.92 ground-water protection standard applies; hazardous constituents are identified in 261, Appendix VIII and have been detected in uppermost aquifer | IV A                   | 264.93(a)             |                             |                  |                        |                        |                     |



CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| exclusion of Appendix VIII constituents from permit; what Regional Administrator must consider before granting an exemption | IV A                | 264.93(b)             |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)          |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(i)       |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(ii)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(iii)     |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(iv)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(v)       |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(vi)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(vii)     |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(viii)    |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(1)(ix)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)          |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(i)       |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(ii)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(iii)     |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(iv)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(v)       |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(vi)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(vii)     |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(viii)    |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(ix)      |                          |                  |                        |                        |                     |
|   |                     | 264.93(b)(2)(x)       |                          |                  |                        |                        |                     |
| determination regarding use of ground water around facility; ID of drinking water sources and exempted aquifers under 144.8 | IV A                | 264.93(c)             |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| CONCENTRATION LIMITS  |                        |                       |                             |                  |                        |                        |                     |
| Regional Administrator<br>will specify ground-water<br>concentration limits for<br>264.93 hazardous<br>constituents | IV A                   | 264.94(a)             |                             |                  |                        |                        |                     |
| not exceed background   | IV A                   | 264.94(a)(1)          |                             |                  |                        |                        |                     |
| not exceed Table 1<br>constituents  | IV A                   | 264.94(a)(2)          |                             |                  |                        |                        |                     |
| not exceed an alternate<br>limit set by Regional<br>Administrator   | IV A                   | 264.94(a)(3)          |                             |                  |                        |                        |                     |
| factors Regional<br>Administrator will<br>consider for setting<br>alternate limits                                  | IV A                   | 264.94(b)             |                             |                  |                        |                        |                     |
| potential adverse effects<br>on ground-water quality<br>considering specific<br>factors                             | IV A                   | 264.94(b)(1)          |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(i)       |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(ii)      |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(iii)     |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(iv)      |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(v)       |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(vi)      |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(vii)     |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(viii)    |                             |                  |                        |                        |                     |
|   |                        | 264.94(b)(1)(ix)      |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| potential adverse effects on hydraulically connected surface-water quality considering specific factors  | IV A                | 264.94(b)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(i)       |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(ii)      |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(iii)     |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(iv)      |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(v)       |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(vi)      |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(vii)     |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(viii)    |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(ix)      |                          |                  |                        |                        |                     |
|  |                     | 264.94(b)(2)(x)       |                          |                  |                        |                        |                     |
| in determining use of ground water around facility, Regional Administrator must consider any identification of underground sources of drinking water and exempted aquifers under 144.8 | IV A                | 264.94(c)             |                          |                  |                        |                        |                     |
| POINT OF COMPLIANCE  |                     |                       |                          |                  |                        |                        |                     |
| point of compliance specified in permit for 264.92 ground-water protection standard; point of compliance defined   | IV A                | 264.95(a)             |                          |                  |                        |                        |                     |
| definition of waste management area  | IV A                | 264.95(b)             |                          |                  |                        |                        |                     |
|  |                     | 264.95(b)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.95(b)(2)          |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| COMPLIANCE PERIOD   |                        |                       |                             |                  |                        |                        |                     |
| compliance period<br>specified in permit for<br>264.92 ground-water<br>protection standard;<br>definition of compliance<br>period | IV A                   | 264.96(a)             |                             |                  |                        |                        |                     |
| when compliance period<br>begins  | IV A                   | 264.96(b)             |                             |                  |                        |                        |                     |
| end of period; extension<br>until meet ground-water<br>protection standard of<br>264.92   | IV A                   | 264.96(c)             |                             |                  |                        |                        |                     |
| GENERAL GROUND-WATER MONITORING REQUIREMENTS  |                        |                       |                             |                  |                        |                        |                     |
| owner or operator must<br>comply with the<br>following ground-water<br>monitoring program<br>requirements:                        | *                      | 264.97                |                             |                  |                        |                        |                     |
| sufficient number of<br>wells installed at<br>appropriate locations and<br>depths that:   | IV A                   | 264.97(a)             |                             |                  |                        |                        |                     |
| represent background<br>quality   | IV A,55                | 264.97(a)(1)          |                             |                  |                        |                        |                     |
| sample wells not<br>hydraulically upgradient<br>where specific conditions<br>are met  | IV A,55                | 264.97(a)(1)(i)       |                             |                  |                        |                        |                     |
|   |                        | 264.97(a)(1)(i)(A)    |                             |                  |                        |                        |                     |
|   |                        | 264.97(a)(1)(i)(B)    |                             |                  |                        |                        |                     |
| represent ground-water<br>quality passing point of<br>compliance  | IV A                   | 264.97(a)(2)          |                             |                  |                        |                        |                     |
| contamination detection<br>when migration to<br>uppermost aquifer   | 55                     | 264.97(a)(3)          |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| separate ground-water monitoring units not needed for multiple units if meet certain requirements | IV A                | 264.97(b)             |                          |                  |                        |                        |                     |
| well casing requirements  | IV A                | 264.97(c)             |                          |                  |                        |                        |                     |
| consistent sampling and analysis procedures that are reliable                                     | IV A                | 264.97(d)             |                          |                  |                        |                        |                     |
|   |                     | 264.97(d)(1)          |                          |                  |                        |                        |                     |
|   |                     | 264.97(d)(2)          |                          |                  |                        |                        |                     |
|   |                     | 264.97(d)(3)          |                          |                  |                        |                        |                     |
|   |                     | 264.97(d)(4)          |                          |                  |                        |                        |                     |
| appropriate and accurate sampling and analysis methods  | IV A                | 264.97(e)             |                          |                  |                        |                        |                     |
| ground-water surface elevation determination for each sample                                      | IV A                | 264.97(f)             |                          |                  |                        |                        |                     |
| detection monitoring, sampling procedures; number and kinds of samples, sample size               | IV A,55             | 264.97(g)             |                          |                  |                        |                        |                     |
| sequencing of at least four samples; requirements to determine interval between                   | IV A,55             | 264.97(g)(1)          |                          |                  |                        |                        |                     |
| alternate sampling procedure  | IV A,55             | 264.97(g)(2)          |                          |                  |                        |                        |                     |
| removed   | IV A,55             | 264.97(g)(3)          |                          |                  |                        |                        |                     |
|   |                     | 264.97(g)(3)(i)       |                          |                  |                        |                        |                     |
|   |                     | 264.97(g)(3)(ii)      |                          |                  |                        |                        |                     |
| removed   | IV A,55             | 264.97(g)(4)          |                          |                  |                        |                        |                     |

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CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| specify statistical evaluation methods for ground-water data and specify in permit; requirements for use of listed methods                    | IV A,55                | 264.97(h)             |                             |                  |                        |                        |                     |
| parametric ANOVA followed by multiple comparisons procedures  | IV A,55                | 264.97(h)(1)          |                             |                  |                        |                        |                     |
| ANOVA based on ranks followed by multiple comparisons procedures  | IV A,55                | 264.97(h)(2)          |                             |                  |                        |                        |                     |
| tolerance or prediction interval procedure  | 55                     | 264.97(h)(3)          |                             |                  |                        |                        |                     |
| control chart approach  | 55                     | 264.97(h)(4)          |                             |                  |                        |                        |                     |
| another statistical method approved by Regional Administrator   | 55                     | 264.97(h)(5)          |                             |                  |                        |                        |                     |
| performance standards for statistical methods chosen under 264.97(h):   | 55                     | 264.97(i)             |                             |                  |                        |                        |                     |
| appropriate for distribution of chemical parameters or hazardous constituents; transformed or distribution-free test                          | 55                     | 264.97(i)(1)          |                             |                  |                        |                        |                     |
| individual well comparison - 0.01 Type I error; multiple comparisons - 0.05 Type I error, but maintain 0.01 Type I error for individual wells | 55                     | 264.97(i)(2)          |                             |                  |                        |                        |                     |
| for control chart approach, what must be approved by Regional Administrator   | 55                     | 264.97(i)(3)          |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| for tolerance or prediction interval, what must be approved by Regional Administrator   | 55                  | 264.97(i)(4)          |                          |                  |                        |                        |                     |
| account for data below detection limit and requirements   | 55                  | 264.97(i)(5)          |                          |                  |                        |                        |                     |
| procedures to correct or control for seasonal and spatial variability   | 55                  | 264.97(i)(6)          |                          |                  |                        |                        |                     |
| maintenance of ground-water monitoring data in facility operating record; when data must be reviewed                          | 55                  | 264.97(j)             |                          |                  |                        |                        |                     |
| <b>DETECTION MONITORING PROGRAM</b>   |                     |                       |                          |                  |                        |                        |                     |
| owner's responsibilities  | *                   | 264.98                |                          |                  |                        |                        |                     |
| owner or operator must monitor for indicator parameters; Regional Administrator will specify parameters in permit             | IV A                | 264.98(a)             |                          |                  |                        |                        |                     |
|   |                     | 264.98(a)(1)          |                          |                  |                        |                        |                     |
|   |                     | 264.98(a)(2)          |                          |                  |                        |                        |                     |
|   |                     | 264.98(a)(3)          |                          |                  |                        |                        |                     |
|   |                     | 264.98(a)(4)          |                          |                  |                        |                        |                     |
| owner or operator must have ground-water monitoring system at compliance point and comply with 264.97(a) (2), (b) & (c)       | IV A                | 264.98(b)             |                          |                  |                        |                        |                     |
| ground-water monitoring program for each chemical parameter and hazardous constituent; record of ground-water analytical data | IV A,55             | 264.98(c)             |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| Regional Administrator specifies frequency of samples and tests; four well samples per well semi-annually  | IV A,55                | 264.98(d)             |                             |                  |                        |                        |                     |
| owner must determine ground-water flow rate and direction at least annually  | IV A                   | 264.98(e)             |                             |                  |                        |                        |                     |
| 15 determine if statistically significant evidence of contamination  | IV A,55                | 264.98(f)             |                             |                  |                        |                        |                     |
| 15 methods which can be used   | IV A,55                | 264.98(f)(1)          |                             |                  |                        |                        |                     |
| 15 determine evidence of contamination at each monitoring well at compliance point; time period determined and specified in permit by Regional Administrator | IV A,55                | 264.98(f)(2)          |                             |                  |                        |                        |                     |
| 16 what owner or operator must do if statistically significant evidence of contamination   | IV A,55                | 264.98(g)             |                             |                  |                        |                        |                     |
| 16 notification of Regional Administrator  | IV A,55                | 264.98(g)(1)          |                             |                  |                        |                        |                     |
| 16 immediate determination if 264, Appendix IX constituents are in ground water  | IV A,40,55             | 264.98(g)(2)          |                             |                  |                        |                        |                     |
| 16 for constituents found, resample in one month; if confirmed, form basis of compliance monitoring; if no resample - initial analysis is basis              | IV A,40,55             | 264.98(g)(3)          |                             |                  |                        |                        |                     |



CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| application for permit<br>modification   | IV A,55                | 264.98(g)(4)          |                             |                  |                        |                        |                     |
| 16 identification of<br>17 Appendix IX constituent<br>concentration                              | IV A,40,<br>55         | 264.98(g)(4)(i)       |                             |                  |                        |                        |                     |
| 16 proposed changes to<br>ground-water monitoring<br>system                                      | IV A,55                | 264.98(g)(4)(ii)      |                             |                  |                        |                        |                     |
| 16 proposed additions or<br>changes to monitoring<br>frequency                                   | IV A,55                | 264.98(g)(4)(iii)     |                             |                  |                        |                        |                     |
| 16 proposed concentration<br>limit or notice of intent<br>for alternate<br>concentration limit   | IV A,55                | 264.98(g)(4)(iv)      |                             |                  |                        |                        |                     |
| 16 what must be submitted<br>within 180 days   | IV A,55                | 264.98(g)(5)          |                             |                  |                        |                        |                     |
| 16 data to justify alternate<br>concentration limit  | IV A,55                | 264.98(g)(5)(i)       |                             |                  |                        |                        |                     |
| 16 engineering feasibility<br>plan for corrective action   | IV A,55                | 264.98(g)(5)(ii)      |                             |                  |                        |                        |                     |
| 16 concentration of<br>264.98(g)(2) constituents<br>does not exceed values of<br>Table 1, 264.94 | IV A,55                | 264.98(g)(5)(ii)(A)   |                             |                  |                        |                        |                     |
| 16 alternate concentration<br>limit  | IV A,55                | 264.98(g)(5)(ii)(B)   |                             |                  |                        |                        |                     |
| demonstration that a<br>source other than<br>regulated unit caused<br>contamination              | 55                     | 264.98(g)(6)          |                             |                  |                        |                        |                     |
| notify Regional<br>Administrator of intent to<br>submit demonstration                            | 55                     | 264.98(g)(6)(i)       |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| within 90 days, report demonstrating that another source caused contamination or there was an error in sampling, analysis or evaluation                  | 55                  | 264.98(g)(6)(ii)      |                          |                  |                        |                        |                     |
| within 90 days, application for permit modification  | 55                  | 264.98(g)(6)(iii)     |                          |                  |                        |                        |                     |
| continue to monitor according to detection monitoring program  | 55                  | 264.98(g)(6)(iv)      |                          |                  |                        |                        |                     |
| 18 what must be done if detection monitoring program no longer satisfies requirements  | IV A,55             | 264.98(h)             |                          |                  |                        |                        |                     |
| removed  | IV A,55             | 264.98(i)             |                          |                  |                        |                        |                     |
| 18 removed   | IV A,55             | 264.98(j)             |                          |                  |                        |                        |                     |
| removed  | IV A,55             | 264.98(k)             |                          |                  |                        |                        |                     |
| <b>COMPLIANCE MONITORING PROGRAM</b>   |                     |                       |                          |                  |                        |                        |                     |
| owner or operator responsibilities:  | *                   | 264.99                |                          |                  |                        |                        |                     |
| monitor ground water to determine if in compliance with 264.92; Regional Administrator specifies ground-water protection standard in the facility permit | IV A                | 264.99(a)             |                          |                  |                        |                        |                     |
|  |                     | 264.99(a)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(a)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(a)(3)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(a)(4)          |                          |                  |                        |                        |                     |
| ground-water monitoring system at compliance point; what it must comply with   | IV A                | 264.99(b)             |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| 19 Regional Administrator specifies procedures and statistical methods   | IV A,55                | 264.99(c)             |                             |                  |                        |                        |                     |
| 19 sampling program for each chemical parameter or hazardous constituent   | IV A,55                | 264.99(c)(1)          |                             |                  |                        |                        |                     |
| 19 record of ground-water analytical data  | IV A,55                | 264.99(c)(2)          |                             |                  |                        |                        |                     |
| 19 statistical evidence of increased contamination of any chemical parameter or hazardous constituent  | IV A,55                | 264.99(d)             |                             |                  |                        |                        |                     |
| 19 method(s) to determine statistically significant evidence of increased contamination  | IV A,55                | 264.99(d)(1)          |                             |                  |                        |                        |                     |
| 19 within reasonable time period, determine if statistically significant evidence of increased contamination at each monitoring well at compliance point | IV A,55                | 264.99(d)(2)          |                             |                  |                        |                        |                     |
| determine flow rate and direction  | IV A                   | 264.99(e)             |                             |                  |                        |                        |                     |
| 19 Regional Administrator specification of sample and test frequencies; four samples per well semi-annually  | 55                     | 264.99(f)             |                             |                  |                        |                        |                     |
| 19 annual analysis at each well's compliance point for all 264, Appendix IX constituents; procedures regarding new constituents not in permit            | IV A, 40,55            | 264.99(g)             |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| 19 actions when constituents exceeded 264.94 limits                          | IV A,55             | 264.99(h)             |                          |                  |                        |                        |                     |
|  |                     | 264.99(h)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(h)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(h)(2)(i)       |                          |                  |                        |                        |                     |
|  | IV A                | 264.99(h)(2)(ii)      |                          |                  |                        |                        |                     |
| 19 demonstration that increase due to other sources; what must be done       | IV A,55             | 264.99(i)             |                          |                  |                        |                        |                     |
|  |                     | 264.99(i)(1)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(i)(2)          |                          |                  |                        |                        |                     |
|  |                     | 264.99(i)(3)          |                          |                  |                        |                        |                     |
|  | IV A                | 264.99(i)(4)          |                          |                  |                        |                        |                     |
| 19 permit modification when compliance monitoring no longer satisfies 264.99 | IV A,55             | 264.99(j)             |                          |                  |                        |                        |                     |
| 19 removed   | IV A,55             | 264.99(k)             |                          |                  |                        |                        |                     |
| 19 removed   | IV A,55             | 264.99(l)             |                          |                  |                        |                        |                     |

**CORRECTIVE ACTION PROGRAM**

|   |      |               |  |  |  |  |  |
|---|------|---------------|--|--|--|--|--|
| owner or operator responsibilities  | *    | 264.100       |  |  |  |  |  |
| take corrective action to assure compliance with 264.92 standard; standards set in permit | IV A | 264.100(a)    |  |  |  |  |  |
| list of hazardous constituents  | IV A | 264.100(a)(1) |  |  |  |  |  |
| concentration limits  | IV A | 264.100(a)(2) |  |  |  |  |  |
| compliance point  | IV A | 264.100(a)(3) |  |  |  |  |  |
| compliance period   | IV A | 264.100(a)(4) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| implement corrective action program to prevent hazardous constituents from exceeding limits; specific measures set in permit | IV A                   | 264.100(b)            |                             |                  |                        |                        |                     |
| permit States time to begin corrective action; requirements in lieu of 264.99(i)(2)  | IV A                   | 264.100(c)            |                             |                  |                        |                        |                     |
| ground-water monitoring program to demonstrate effectiveness of corrective action  | IV A                   | 264.100(d)            |                             |                  |                        |                        |                     |
| corrective action to remove or treat in place hazardous constituents exceeding 264.94 limits                                 | IV A,44 B              | 264.100(e)            |                             |                  |                        |                        |                     |
| compliance point, downgradient property boundary   | 44 B                   | 264.100(e)(1)         |                             |                  |                        |                        |                     |
| release beyond facility boundaries   | 44 B                   | 264.100(e)(2)         |                             |                  |                        |                        |                     |
| 20 corrective action measure must be completed within reasonable period  | IV A,44 B              | 264.100(e)(3)         |                             |                  |                        |                        |                     |
| 20 when corrective action can be terminated  | IV A,44 B              | 264.100(e)(4)         |                             |                  |                        |                        |                     |
| period of corrective action  | IV A                   | 264.100(f)            |                             |                  |                        |                        |                     |
| report in writing on effectiveness of corrective action; submit semiannually   | IV A                   | 264.100(g)            |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| permit modification if<br>corrective action program<br>no longer satisfies<br>264.100 | IV A                   | 264.100(h)            |                             |                  |                        |                        |                     |

**CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS**

|   |           |            |  |  |  |  |  |
|---|-----------|------------|--|--|--|--|--|
| if seeking permit, institute<br>corrective action to<br>protect health and<br>environment from<br>hazardous waste releases  | 17 L      | 264.101(a) |  |  |  |  |  |
| corrective action<br>specified in permit in<br>accordance with this<br>section and subpart S of<br>this part; schedule of<br>compliance and financial<br>responsibility | 17 L,†121 | 264.101(b) |  |  |  |  |  |
| corrective action beyond<br>facility boundaries   | 44 B      | 264.101(c) |  |  |  |  |  |

**SUBPART G - CLOSURE AND POST-CLOSURE**

**APPLICABILITY**

|  |                 |               |  |  |  |  |  |
|--|-----------------|---------------|--|--|--|--|--|
| except as 264.1 provides<br>otherwise:   | *               | 264.110       |  |  |  |  |  |
| 264.111 through 264.115<br>apply to all owners and<br>operators of all<br>hazardous waste<br>management facilities | IV A,24         | 264.110(a)    |  |  |  |  |  |
| 264.116 through 264.120<br>apply to all owners and<br>operators of:  | IV A,24         | 264.110(b)    |  |  |  |  |  |
| all hazardous waste<br>disposal facilities   | IV A,24,<br>109 | 264.110(b)(1) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| waste piles and surface<br>impoundments from<br>which wastes are<br>removed at closure               | IV A,24,<br>109        | 264.110(b)(2)         |                             |                  |                        |                        |                     |
| tank systems required<br>under 264.197 to meet<br>landfill requirements                              | 28,109                 | 264.110(b)(3)         |                             |                  |                        |                        |                     |
| containment buildings<br>required under 264.1102<br>to meet the requirements<br>for landfills        | 109                    | 264.110(b)(4)         |                             |                  |                        |                        |                     |
| CLOSURE PERFORMANCE STANDARD   |                        |                       |                             |                  |                        |                        |                     |
| manner of closing  | *                      | 264.111               |                             |                  |                        |                        |                     |
| minimizes further<br>maintenance   | IV A,24                | 264.111(a)            |                             |                  |                        |                        |                     |
| controls, minimizes, or<br>eliminates post-closure<br>escape   | IV A,24                | 264.111(b)            |                             |                  |                        |                        |                     |
| complies with<br>requirements of Subpart<br>G plus specific sections<br>of 264                       | 24,45,109              | 264.111(c)            |                             |                  |                        |                        |                     |
| CLOSURE PLAN; AMENDMENT OF PLAN  |                        |                       |                             |                  |                        |                        |                     |
| written plan required;<br>contingent closure plans;<br>submitted with permit;<br>condition of permit | IV A,†24               | 264.112(a)(1)         |                             |                  |                        |                        |                     |
| what the approved<br>closure plan must be<br>consistent with; furnished<br>on request                | IV A,†24,<br>45,109    | 264.112(a)(2)         |                             |                  |                        |                        |                     |
| removed  | IV A,†24               | 264.112(a)(3)         |                             |                  |                        |                        |                     |
| removed  | IV A,†24               | 264.112(a)(4)         |                             |                  |                        |                        |                     |
| content of plan  | IV A,24                | 264.112(b)            |                             |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS   | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|  |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| how each HW<br>management unit will be<br>closed   | 24                     | 264.112(b)(1)         |                             |                  |                        |                        |                     |
| final closure/maximum<br>extent of facility not<br>closed during active life                     | 24                     | 264.112(b)(2)         |                             |                  |                        |                        |                     |
| maximum inventory of<br>hazardous waste ever on<br>site over active life                         | 24                     | 264.112(b)(3)         |                             |                  |                        |                        |                     |
| description of steps<br>needed to remove or<br>decontaminate all<br>residues/equipment           | 24                     | 264.112(b)(4)         |                             |                  |                        |                        |                     |
| other activities to assure<br>closure  | 24                     | 264.112(b)(5)         |                             |                  |                        |                        |                     |
| schedule for closure for<br>each unit; what schedule<br>must include                             | 24                     | 264.112(b)(6)         |                             |                  |                        |                        |                     |
| estimate year of final<br>closure for facilities using<br>trust funds for financial<br>assurance | †24                    | 264.112(b)(7)         |                             |                  |                        |                        |                     |
| amendment of plan  | IV A,24,<br>†54        | 264.112(c)            |                             |                  |                        |                        |                     |
| written request prior to<br>notification of partial or<br>final closure                          | 24,†54                 | 264.112(c)(1)         |                             |                  |                        |                        |                     |
| required written request<br>when:  | 24,†54                 | 264.112(c)(2)         |                             |                  |                        |                        |                     |
| changes affect closure<br>plan   | 24                     | 264.112(c)(2)(i)      |                             |                  |                        |                        |                     |
| change in expected year<br>of closure  | 24                     | 264.112(c)(2)(ii)     |                             |                  |                        |                        |                     |
| unexpected events  | 24                     | 264.112(c)(2)(iii)    |                             |                  |                        |                        |                     |



CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| submit written request 60 days prior to change; 60 days after unexpected event if during partial or final closure; surface impoundment and waste piles special requirements | 24                     | 264.112(c)(3)         |                             |                  |                        |                        |                     |
| Regional Administrator may request modification; procedures   | 24                     | 264.112(c)(4)         |                             |                  |                        |                        |                     |

†,21 Notification of Partial and Final Closure

|  |        |                   |  |  |  |  |  |
|--|--------|-------------------|--|--|--|--|--|
| 22 procedures and requirements for notification of partial and final closure | 24,85  | 264.112(d)(1)     |  |  |  |  |  |
|  |        | 264.112(d)(2)     |  |  |  |  |  |
|  | 24,†64 | 264.112(d)(2)(i)  |  |  |  |  |  |
|  | †64    | 264.112(d)(2)(ii) |  |  |  |  |  |
|  | 24     | 264.112(d)(3)     |  |  |  |  |  |

|  |    |            |  |  |  |  |  |
|--|----|------------|--|--|--|--|--|
| † remove wastes; decontaminate and dismantle equipment | 24 | 264.112(e) |  |  |  |  |  |
|--|----|------------|--|--|--|--|--|

23 CLOSURE; TIME ALLOWED FOR CLOSURE

|  |             |            |  |  |  |  |  |
|--|-------------|------------|--|--|--|--|--|
| treat, remove, or dispose of all hazardous wastes within 90 days of receipt of final volume of hazardous waste, or final volume of non-hazardous waste | IV A,24,†64 | 264.113(a) |  |  |  |  |  |
|--|-------------|------------|--|--|--|--|--|

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| modification and<br>demonstration<br>requirements for<br>extending period         | IV A,24                | 264.113(a)(1)(i)      |                             |                  |                        |                        |                     |
|   | IV A,24,<br>†64        | 264.113(a)(1)(ii)(A)  |                             |                  |                        |                        |                     |
|   |                        | 264.113(a)(1)(ii)(B)  |                             |                  |                        |                        |                     |
|   |                        | 264.113(a)(1)(ii)(C)  |                             |                  |                        |                        |                     |
|   | IV A,24                | 264.113(a)(2)         |                             |                  |                        |                        |                     |
| complete partial or final<br>closure within 180 days<br>of receiving final volume | IV A,24,<br>†64        | 264.113(b)            |                             |                  |                        |                        |                     |
| modification and<br>demonstration<br>requirements for<br>extending closure period | IV A,24                | 264.113(b)(1)(i)      |                             |                  |                        |                        |                     |
|   | IV A,24,<br>†64        | 264.113(b)(1)(ii)(A)  |                             |                  |                        |                        |                     |
|   |                        | 264.113(b)(1)(ii)(B)  |                             |                  |                        |                        |                     |
|   |                        | 264.113(b)(1)(ii)(C)  |                             |                  |                        |                        |                     |
|   | IV A,24                | 264.113(b)(2)         |                             |                  |                        |                        |                     |
| how 264.113(a)(1) & (b)<br>(1) demonstrations must<br>be made                     | 24,†64                 | 264.113(c)            |                             |                  |                        |                        |                     |
|   |                        | 264.113(c)(1)         |                             |                  |                        |                        |                     |
|   |                        | 264.113(c)(2)         |                             |                  |                        |                        |                     |

†,21 Nonhazardous Waste Receipt Conditions

|   |    |            |  |  |  |  |  |
|---|----|------------|--|--|--|--|--|
| receive only non-<br>hazardous wastes after<br>the final receipt of<br>hazardous wastes at<br>specified units | 64 | 264.113(d) |  |  |  |  |  |
|---|----|------------|--|--|--|--|--|

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS                | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|-------------------------------------|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|                                     |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| permit modification<br>requirements | 64                     | 264.113(d)(1)         |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(1)(i)      |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(1)(ii)     |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(1)(iii)    |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(1)(iv)     |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(1)(v)      |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(2)         |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(3)         |                             |                  |                        |                        |                     |
|                                     |                        | 264.113(d)(4)         |                             |                  |                        |                        |                     |

†,21 Additional Requirements for Surface Impoundments

|   |    |                    |  |  |  |  |  |
|---|----|--------------------|--|--|--|--|--|
| special requirements for<br>surface impoundments<br>not in compliance with<br>liner and leachate<br>collection system<br>requirements | 64 | 264.113(e)         |  |  |  |  |  |
| plans which must be<br>submitted with request to<br>modify permit   | 64 | 264.113(e)(1)      |  |  |  |  |  |
|   |    | 264.113(e)(1)(i)   |  |  |  |  |  |
|   |    | 264.113(e)(1)(ii)  |  |  |  |  |  |
| remove all hazardous<br>wastes  | 64 | 264.113(e)(2)      |  |  |  |  |  |
| removal within 90 days;<br>extension  | 64 | 264.113(e)(3)      |  |  |  |  |  |
| actions to be taken if a<br>release is detected   | 64 | 264.113(e)(4)      |  |  |  |  |  |
|   |    | 264.113(e)(4)(i)   |  |  |  |  |  |
|   |    | 264.113(e)(4)(ii)  |  |  |  |  |  |
|   |    | 264.113(e)(4)(iii) |  |  |  |  |  |
| semi-annual reports   | 64 | 264.113(e)(5)      |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST<br>REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE<br>CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|------------------------|-----------------------|-----------------------------|------------------|------------------------|------------------------|---------------------|
|   |                        |                       |                             | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| conditions under which<br>Regional Administrator<br>may require closure   | 64                     | 264.113(e)(6)         |                             |                  |                        |                        |                     |
| actions to be taken if<br>owner or operator fails to<br>implement corrective<br>measures or if no<br>substantial progress<br>pursuant to 264.113(e)(6)<br>has been made | 64                     | 264.113(e)(7)         |                             |                  |                        |                        |                     |
|   |                        | 264.113(e)(7)(i)      |                             |                  |                        |                        |                     |
|   |                        | 264.113(e)(7)(ii)     |                             |                  |                        |                        |                     |
|   |                        | 264.113(e)(7)(iii)    |                             |                  |                        |                        |                     |
|   |                        | 264.113(e)(7)(iv)     |                             |                  |                        |                        |                     |
|   |                        | 264.113(e)(7)(v)      |                             |                  |                        |                        |                     |

DISPOSAL OR DECONTAMINATION OF EQUIPMENT, STRUCTURES AND SOILS

|   |                   |         |  |  |  |  |  |
|---|-------------------|---------|--|--|--|--|--|
| 24 disposal and<br>decontamination<br>requirements during<br>closure; 262 generator<br>requirements | IV A,24,<br>45,52 | 264.114 |  |  |  |  |  |
|---|-------------------|---------|--|--|--|--|--|

CERTIFICATION OF CLOSURE

|  |         |         |  |  |  |  |  |
|--|---------|---------|--|--|--|--|--|
| certification requirements<br>at closure; required<br>signatures;<br>documentation upon<br>request | IV A,24 | 264.115 |  |  |  |  |  |
|--|---------|---------|--|--|--|--|--|

SURVEY PLAT

|                          |    |         |  |  |  |  |  |
|--------------------------|----|---------|--|--|--|--|--|
| survey plat requirements | 24 | 264.116 |  |  |  |  |  |
|--------------------------|----|---------|--|--|--|--|--|

POST-CLOSURE CARE AND USE OF PROPERTY

|  |                |                   |  |  |  |  |  |
|--|----------------|-------------------|--|--|--|--|--|
| continue care for 30<br>years                                  | IV A,24        | 264.117(a)(1)     |  |  |  |  |  |
| monitoring and reporting<br>requirements                       | IV A,24,<br>45 | 264.117(a)(1)(i)  |  |  |  |  |  |
| maintenance and<br>monitoring for waste<br>containment systems | IV A,24,<br>45 | 264.117(a)(1)(ii) |  |  |  |  |  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                |                |                  |
|---|---------------------|-----------------------|--------------------------|------------------|----------------|----------------|------------------|
|   |                     |                       |                          | EQUIVALENT       | LESS STRINGENT | MORE STRINGENT | BROADER IN SCOPE |
| reduction or extension of time period for post-closure care by Regional Administrator | IV A,24             | 264.117(a)(2)         |                          |                  |                |                |                  |
|   |                     | 264.117(a)(2)(i)      |                          |                  |                |                |                  |
|   |                     | 264.117(a)(2)(ii)     |                          |                  |                |                |                  |
| conditions for continuation of security requirements of 265.14                        | IV A,24             | 264.117(b)            |                          |                  |                |                |                  |
|   |                     | 264.117(b)(1)         |                          |                  |                |                |                  |
|   |                     | 264.117(b)(2)         |                          |                  |                |                |                  |
| limits on post-closure use of property; exceptions                                    | IV A,24             | 264.117(c)            |                          |                  |                |                |                  |
|   |                     | 264.117(c)(1)         |                          |                  |                |                |                  |
|   |                     | 264.117(c)(2)         |                          |                  |                |                |                  |
| post-closure activities in accordance with plan as specified in 264.118               | IV A,24             | 264.117(d)            |                          |                  |                |                |                  |
| POST-CLOSURE PLAN; AMENDMENT OF PLAN  |                     |                       |                          |                  |                |                |                  |
| written post-closure plan; contingent plans; condition of RCRA permit                 | IV A,24             | 264.118(a)            |                          |                  |                |                |                  |
| 25 activities specified in post-closure plan and their frequency                      | IV A,24             | 264.118(b)            |                          |                  |                |                |                  |
| 25 monitoring activities and their frequency  | IV A,24, 45         | 264.118(b)(1)         |                          |                  |                |                |                  |
| 25 maintenance activities and their frequency   | IV A,24             | 264.118(b)(2)         |                          |                  |                |                |                  |
| 25 integrity of cap and final cover   | IV A,24, 45         | 264.118(b)(2)(i)      |                          |                  |                |                |                  |
| 25 function of monitoring equipment   | IV A,24, 45         | 264.118(b)(2)(ii)     |                          |                  |                |                |                  |
| 25 person or office to<br>26 contact  | IV A,24             | 264.118(b)(3)         |                          |                  |                |                |                  |
| 26 availability and retention of plan   | IV A,24             | 264.118(c)            |                          |                  |                |                |                  |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS  | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|---|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|   |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| 27 written notification of or request for modification of plan  | IV A,24,<br>†54     | 264.118(d)            |                          |                  |                        |                        |                     |
| notification or request may be made at any time   | 24,†54              | 264.118(d)(1)         |                          |                  |                        |                        |                     |
| must submit written request whenever:   | 24,†54              | 264.118(d)(2)         |                          |                  |                        |                        |                     |
| changes that affect plan  | 24                  | 264.118(d)(2)(i)      |                          |                  |                        |                        |                     |
| change in expected closure year   | 24                  | 264.118(d)(2)(ii)     |                          |                  |                        |                        |                     |
| events affecting plan   | 24                  | 264.118(d)(2)(iii)    |                          |                  |                        |                        |                     |
| timing of modification request; submittal of post-closure plan  | 24                  | 264.118(d)(3)         |                          |                  |                        |                        |                     |
| Regional Administrator's request for modifications  | 24                  | 264.118(d)(4)         |                          |                  |                        |                        |                     |
| 28 POST-CLOSURE NOTICES   |                     |                       |                          |                  |                        |                        |                     |
| record of type, location and quantity of HW   | IV A,24             | 264.119(a)            |                          |                  |                        |                        |                     |
| 29  |                     | 264.119(b)            |                          |                  |                        |                        |                     |
|   |                     | 264.119(b)(1)         |                          |                  |                        |                        |                     |
|   |                     | 264.119(b)(1)(i)      |                          |                  |                        |                        |                     |
|   |                     | 264.119(b)(1)(ii)     |                          |                  |                        |                        |                     |
|   |                     | 264.119(b)(1)(iii)    |                          |                  |                        |                        |                     |
|   | IV A,24             | 264.119(b)(2)         |                          |                  |                        |                        |                     |
| 30 modification to remove hazardous wastes; criteria of 264.117(c); removal of notation; addition of notation | IV A,24             | 264.119(c)            |                          |                  |                        |                        |                     |
|   |                     | 264.119(c)(1)         |                          |                  |                        |                        |                     |
|   |                     | 264.119(c)(2)         |                          |                  |                        |                        |                     |

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

| FEDERAL REQUIREMENTS                             | CHECKLIST REFERENCE | FEDERAL RCRA CITATION | ANALOGOUS STATE CITATION | STATE ANALOG IS: |                        |                        |                     |
|--|---------------------|-----------------------|--------------------------|------------------|------------------------|------------------------|---------------------|
|  |                     |                       |                          | EQUIV-<br>ALENT  | LESS<br>STRIN-<br>GENT | MORE<br>STRIN-<br>GENT | BROADER<br>IN SCOPE |
| CERTIFICATION OF COMPLETION OF POST-CLOSURE CARE |                     |                       |                          |                  |                        |                        |                     |
| completion of post-closure period                | 24                  | 264.120               |                          |                  |                        |                        |                     |
| removed  |                     | 264.120(a)            |                          |                  |                        |                        |                     |
|  |                     | 264.120(a)(1)-(3)     |                          |                  |                        |                        |                     |
|  |                     | 264.120(b)            |                          |                  |                        |                        |                     |

- 1 The May 3, 1993 final rule (58 FR 26420; Revision Checklist 122) inadvertently removed a correction made by the August 25, 1992 Federal Register (57 FR 38558, Revision Checklist 111). The August 25, 1992 rule changed "subparts C, D, F, or G" to "subparts C, F, G, or H"; the May 3, 1993 rule listed the old version of these internal references. The correct reference is "subparts C, F, G, or H", as shown in the August 25, 1992 rule.
- 2 States should adopt 264.1(g)(11)(i)-(iii) as appropriate to reflect the universal wastes adopted. See the rule for Checklists 142 A-D (60 FR 25492; May 11, 1995).
- 3 Note that the comment following 264.3 remains unchanged by Revision Checklist 121 (58 FR 8658; February 16, 1993).
- 4 The August 14, 1989 rule (54 FR 33376, Revision Checklist 64) amended the first sentence of 264.13(a)(1). However, because of a misinterpretation of the codification instructions, the second sentence of the provisions at this citation was omitted from the 1990 and 1991 CFRs. Revision Checklist 102 (57 FR 8086; March 6, 1992) corrects the error by restoring the mistakenly deleted language.
- 5 This text was added and/or revised by Rule 154.1 (59 FR 62896) and/or Rule 154.6 (61 FR 4903). See the prenote for this checklist regarding State adoption of Revision Checklist 154.
- 6 Section 264.19 is considered to be both a HSWA and a Non-HSWA provision by Revision Checklist 100. It is Non-HSWA only to the extent that it applies to the final cover requirements for the Construction Quality Assurance Program.
- 7 Note that there is a typographical error in the Federal Register addressed by Revision Checklist 100 (57 FR 3462; January 29, 1992); "COA" should be "CQA."
- 8 Revision Checklist 54 removed the comment following 264.54(e).
- 9 There is an error in the July 15, 1985 final rule (50 FR 28702; Revision Checklist 17 D). The internal reference 264.73(b) should be 264.73(b)(9) according to the preamble for that rule at 50 FR 28734.
- 10 This requirement was moved from 264.75(h) to 264.75(j) by Revision Checklist 30.

CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

- 11 Checklist IV A shows this text as 264.77(c), but the July 1, 1983 CFR shows it as 264.77(b).
- 12 This paragraph was completely revised by Revision Checklist 17 I.
- 13 In Checklist IV A, this text was included in 264.90(b)(2).
- 14 Revision Checklist 55 moved text from 264.97(g)(3) to 264.97(a)(1)(i).
- 15 Revision Checklist 55 moved this text from 264.98(g) to 264.98(f).
- 16 Original 264.98(g) text from Checklist IV A was moved to 264.98(f) by Revision Checklist 55. The present 264.98(g) is a revised version of 264.98(h) as found in Checklist IV A. Checklist 55 made this change. Subparagraph 264.98(g)(6) was added by this checklist as well.
- 17 There is a typographical error in the Federal code for this subparagraph: "concentration or any" should be "concentration of any."
- 18 In Checklist IV A, this paragraph was designated 264.98(j). Revision Checklist 55 redesignated it as 264.98(h) and moved the former (h), as introduced by Checklist IV A, to 264.98(g).
- 19 Checklist IV A originally introduced 264.99(c)-(l) into the Federal code as part of the base program. The July 9, 1987 final rule addressed by Revision Checklist 40 (52 FR 25942) subsequently revised paragraph (f). The October 11, 1988 final rule addressed by Revision Checklist 55 (53 FR 39720) revised paragraphs (c) and (d). It removed the introductory text at (h) while redesignating a revised (h)(1) and (h)(2) as (d)(1) and (d)(2). The rule inserted a new (f) and then revised and redesignated the old (f) as (g). It removed the original (g) introduced as part of the base program. The rule then redesignated the original (i) through (k) as (h) through (j) and revised the newly designated paragraphs (h) and (i). It removed paragraph (l).
- 20 These paragraphs were originally 264.100(e)(1) and 264.100(e)(2), but Revision Checklist 44 B redesignated them as 264.100(e)(3) and 264.100(e)(4).
- 21 Citations within the double lines are optional, but if a State chooses to modify its program to adopt requirements equivalent to these provisions, it must adopt such requirements as a unit rather than by individual provision. In other words, all or none of these provisions must be included in a State's code. Subsequent changes to these provisions may or may not be optional for States that have chosen to adopt the optional unit of provisions. An optional sign appears in front of the subsequent revision checklist number(s) if such subsequent changes are less stringent than or reduce the scope of the unit's requirements.
- 22 Revision Checklist 64 redesignated a portion of 264.112(d)(2), introduced into the code by Revision Checklist 24, as 264.112(d)(2)(i).
- 23 Section 264.113 was erroneously designated as optional by the May 2, 1986 rule (51 FR 16422). The June 26, 1990 amendment (55 FR 25976) corrected this error.
- 24 Note the Federal Register addressed by Revision Checklist 52 (53 FR 34079; September 2, 1988) incorrectly omits the changes to 264.114 made by Revision Checklist 45 at 53 FR 46946 (December 10, 1987). This error is still reflected in the CFR as of July 1, 1996.



CONSOLIDATED CHECKLIST C5  
40 CFR Part 264, Subparts A-G, as of June 30, 1996 (cont'd)

- 25 Revision Checklist 24 moved text from 264.118(a)(1)-(3) in Checklist IV A to 264.118(b)(1)-(3).
- 26 Part of the current text in 264.118(c) was introduced by Revision Checklist 24 while the remainder reflects the content of portions of 264.118(b)(3) in the base program.
- 27 Most of 264.118(d), including all subparagraphs, is code introduced by Checklist 24. The introductory paragraph of 264.118(d), however, corresponds roughly to 264.118(c) in Checklist IV A.
- 28 Revision Checklist 24 extensively revised 264.119 as per Checklist IV A, including a new section title. The original code contained no subparagraphs.
- 29 Text from 264.120(a) in Checklist IV A was moved to 264.119(b)(1) and (b)(1)(i)-(iii) by Revision Checklist 24.
- 30 Text from 264.120(b) in Checklist IV A was moved to 264.119(c) by Revision Checklist 24.
- 31 The current text of 264.120 was introduced by Revision Checklist 24 whereas the original text of 264.120, as per Checklist IV A, was moved to 264.119(b) and (c) by Checklist 24.